

What Is Claimed Is:

1. An ignition coil comprising:
 - a connecting device for contacting a spark plug of an internal combustion engine, the connecting device including a sleeve composed of an insulating material, the sleeve being adapted to be connected at a first end section to a high voltage side of the ignition coil, the sleeve having an accommodation for the spark plug at a second end section;
 - at least one conductive contact part for contacting the spark plug, the conductive contact part being situated in the sleeve for an electrical connection of the ignition coil to the spark plug; and
 - a plurality of electrically conducting modular components situated at the high voltage side of the ignition coil, between it and the spark plug, wherein the electrically conducting modular components, in an installed state, are connected in a detachable, electrically conducting manner.
2. The ignition coil according to claim 1, wherein at least one of the modular components is an electrical resistor.
3. The ignition coil according to claim 1, wherein at least one of the modular components is a diode.
4. The ignition coil according to claim 1, wherein at least one of the modular components is an electrically conducting dummy element.
5. The ignition coil according to claim 1, wherein one of the modular components lying closest to the spark plug is an electrical resistor.
6. The ignition coil according to claim 1, wherein the modular components contact one another in a planar manner when they are in the installed state.
7. The ignition coil according to claim 1, wherein the modular components are substantially tablet-shaped.

8. The ignition coil according to claim 1, wherein the modular components are stackable inside the sleeve.

9. The ignition coil according to claim 8, wherein the modular components are situated inside the sleeve in a bushing composed of rigid plastic.

10. The ignition coil according to claim 1, wherein the modular components are stackable in a recess of an ignition coil housing at a high voltage side end.

11. The ignition coil according to claim 1, further comprising a spring device situated at least in a region of the sleeve, with the aid of which the modular components are held to make contact with one another in the installed state.

12. The ignition coil according to claim 11, wherein the contact part touching the spark plug represents a socket.

13. The ignition coil according to claim 12, wherein the spring device is situated between the modular components and the socket.

14. The ignition coil according to claim 10, wherein the modular components are insulated from the outside together with a secondary winding of the ignition coil.

15. The ignition coil according to claim 11, wherein the spring device is the contact part touching the spark plug.

16. The ignition coil according to claim 1, wherein the sleeve is connected to a housing of the ignition coil in a detachable manner.

17. The ignition coil according to claim 1, wherein the ignition coil is at least substantially tube-shaped in a region of a connection to the sleeve.

18. The ignition coil according to claim 1, wherein the ignition coil is a rod-type ignition coil.